

FY 2012



INTRAMURAL LOAN REPAYMENT PROGRAMS DATA BOOK

Fiscal Year 2012 Highlights

October 1, 2011
to September 30, 2012

Application Cycles:

New:

September 1, 2011 - April 1, 2012

ACGME:

September 1, 2011 – June 15, 2012

Renewal:

September 1, 2011 – February 1, 2012

NIH Division of Loan Repayment

NIH Institutes and Centers

Institutes

National Cancer Institute (NCI)

National Eye Institute (NEI)

National Heart, Lung, and Blood Institute (NHLBI)

National Human Genome Research Institute (NHGRI)

National Institute on Aging (NIA)

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

National Institute of Allergy and Infectious Diseases (NIAID)

National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

National Institute of Biomedical Imaging and Bioengineering (NIBIB)

National Institute of Child Health and Human Development (NICHD)

National Institute on Deafness and Other Communication Disorders (NIDCD)

National Institute of Dental and Craniofacial Research (NIDCR)

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

National Institute on Drug Abuse (NIDA)

National Institute of Environmental Health Sciences (NIEHS)

National Institute of General Medical Sciences (NIGMS)

National Institute of Mental Health (NIMH)

National Institute on Minority Health and Health Disparities (NIMHD)

National Institute of Neurological Disorders and Stroke (NINDS)

National Institute of Nursing Research (NINR)

National Library of Medicine (NLM)

Centers

John E. Fogarty International Center (FIC)

National Center for Complementary and Alternative Medicine (NCCAM)

National Center for Advancing Translational Sciences (NCATS)

Clinical Center (CC)

Center for Information Technology (CIT)

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The Year in Review

In Fiscal Year (FY) 2012, 92 individuals applied to the Intramural Loan Repayment Programs (LRPs) in General Research, AIDS Research, Clinical Research for Individuals from Disadvantaged Backgrounds, and General Research for Accreditation Council for Graduate Medical Education (ACGME) Fellows. Of those 92 applications, 5 were withdrawn because the applicants subsequently terminated their employment with NIH. Eighty seven applications were reviewed and 84 applications were awarded contracts totaling \$4,308,409. The combined (new and renewal applicants) success rate for the Intramural LRPs was 97 percent.

The NIH will repay up to \$35,000 per year of outstanding educational debt for the General, AIDS, and Clinical Research for Individuals from Disadvantaged Backgrounds and up to \$17,000 per year for the ACGME LRP. In return, participants must sign a contract agreeing to conduct appropriately qualified research activities as NIH employees for a minimum of two years for the AIDS and Clinical Research (Disadvantaged Background) LRPs, or three years for the General or ACGME LRPs.

The Intramural General Research LRP received 72 percent of all applications.

New applicants (those not previously funded) constituted 44 percent of all applications while renewal applicants (those previously funded) comprised 56 percent of all applicants. Success rates for new and renewal applicants were 97 and 96 percent, respectively.

The LRPs are open to health professionals with doctoral level, P.A., B.S.N. or A.D.N. degrees and varying levels of experience. Most new FY 2012 awardees are beginning their careers, with 70 percent having received their qualifying degrees within the last five years and 27 percent within the past six to ten years.

Physician doctorates (including dual physician doctorates, for example, MD/PhD degrees) comprised 81 percent of the awards, while those with academic doctoral level degrees received 19 percent of the total awards.

Seventy-eight percent of the new awardees had educational debt greater than \$50,000, with 24 percent having debt levels greater than \$200,000.

Women received 51 (61%) of the 84 LRP awards. Black/African American applicants received 2 (2%) awards. Asian Americans received 8 (10%) awards, and Hispanic Americans received 4 (5%) awards.

The Four Intramural Loan Repayment Programs

AIDS Research LRP:

In November 1988, Public Law (P.L.) 100-607 introduced Section 487A of the Public Health Service (PHS) Act (42 USC 288-1), authorizing the National Institutes of Health (NIH) to establish a program of educational loan repayment to attract additional health professionals into Acquired Immunodeficiency Syndrome (AIDS) research. The mission of the NIH AIDS Research Loan Repayment Program (AIDS-LRP) is to attract highly qualified physicians, nurses, and scientists to HIV/AIDS research by countering the growing economic disincentives to embark on biomedical research careers.

General Research LRP:

In June 1993, P.L. 103-43 authorized Section 487C (42 USC 288-3), which established a program of educational loan repayment to attract highly qualified health professionals, particularly physicians, to conduct research at the NIH. The mission of the General Research Loan Repayment Program is to attract talented researchers to public service as employees of the NIH using loan repayment as an economic incentive. Generally, those at a tenure track or above level are given priority for funding of LRP awards.

General Research LRP for ACGME Fellows:

General Research LRP for ACGME Fellows provides \$17,000 per year in loan repayment (plus tax reimbursement) and is currently available to fellows offered employment by the NIH in subspecialty and residency training programs accredited by the Accreditation Council for Graduate Medical Education (ACGME). Qualifying fellows must hold a three-year appointment.

Clinical Research LRP for Individuals from Disadvantaged Background:

Clinical research is patient-oriented research that is conducted with human subjects or research on the causes and consequences of disease in human populations involving material of human origin for which the investigator or his/her colleague directly interacts with human subjects in an outpatient or inpatient setting to clarify a problem in human physiology; pathophysiology or disease; epidemiologic or behavioral studies; outcomes research or health services research; or developing new technologies, therapeutic interventions, or clinical trials. The NIH Clinical Research Loan Repayment Program's mission is to recruit highly qualified health professionals from disadvantaged backgrounds to serve as clinical researchers, using loan repayment as an economic incentive.

Applications, Awards, and Success Rates By Program

In FY 2012, the NIH reviewed 87* applications. 44 percent of the applications were from new applicants. 97 percent of all applicants were awarded contracts.

LRP	New			Renewal			Total		
	Applications	Awards	Success Rate	Applications	Awards	Success Rate	Applications	Awards	Success Rate
General Research	19	18	95%	44	42	95%	63	60	95%
AIDS Research	2	2	100%	3	3	100%	5	5	100%
Clinical Research for Individuals from Disadvantaged Backgrounds	0	0	N/A	2	2	100%	2	2	100%
ACGME	17	17	100%	N/A	N/A	N/A	17	17	100%
Total	38	37	97%	49	47	96%	87*	84	97%

* NIH received 92 applications but 5 of those individuals were not eligible due to their planned departure from NIH. Therefore 87 were reviewed by the Scientific Review Committee.

3 of the remaining 87 were not awarded contracts for reasons listed below.

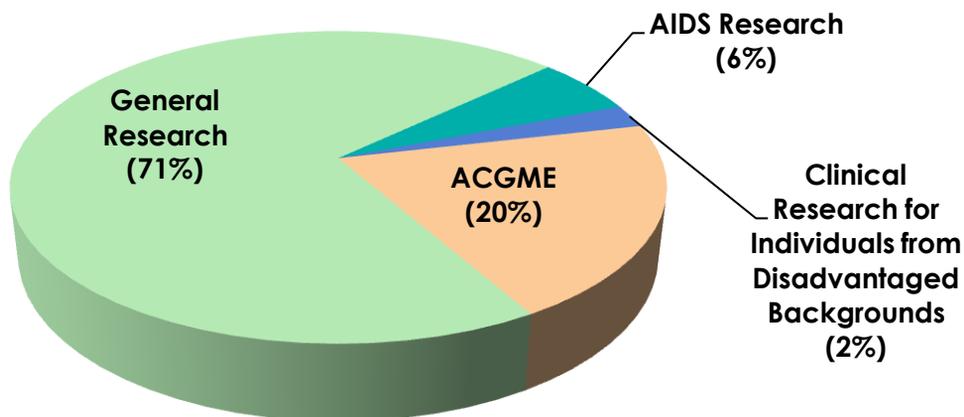
1 applicant was not supported by the IC

2 participants left NIH

Funding by Program

LRP	New		Renewal		Total	
	Awards	Funding	Awards	Funding	Awards	Funding
General Research	18	\$1,689,446	42	\$1,265,380	60	\$2,954,826
AIDS Research	2	\$120,365	3	\$72,996	5	\$193,361
Clinical Research for Individuals from Disadvantaged Backgrounds	0	\$0	2	\$26,389	2	\$26,389
ACGME	17	\$1,133,833	0	\$0	17	\$1,133,833
Total	37	\$2,943,645	47	\$1,364,765	84	\$4,308,409

Percentage of Total Awards by LRP



*Percentages may not total 100% as a result of rounding.

Funding by NIH Institutes and Centers

New Awards

The Intramural Loan Repayment Programs awarded 37 new LRP contracts from 13 different ICs in FY 2012.

IC	Awards	Funding
CC	1	\$74,715
NCI	10	\$841,251
NHGRI	3	\$327,645
NIAAA	1	\$62,903
NIAID	7	\$390,109
NIAMS	1	\$74,715
NICHHD	3	\$244,729
NIDA	1	\$81,812
NIDCR	2	\$208,045
NIDDK	1	\$74,715
NIMH	2	\$98,445
NINDS	4	\$415,984
NLM	1	\$48,577
Total	37	\$2,943,645

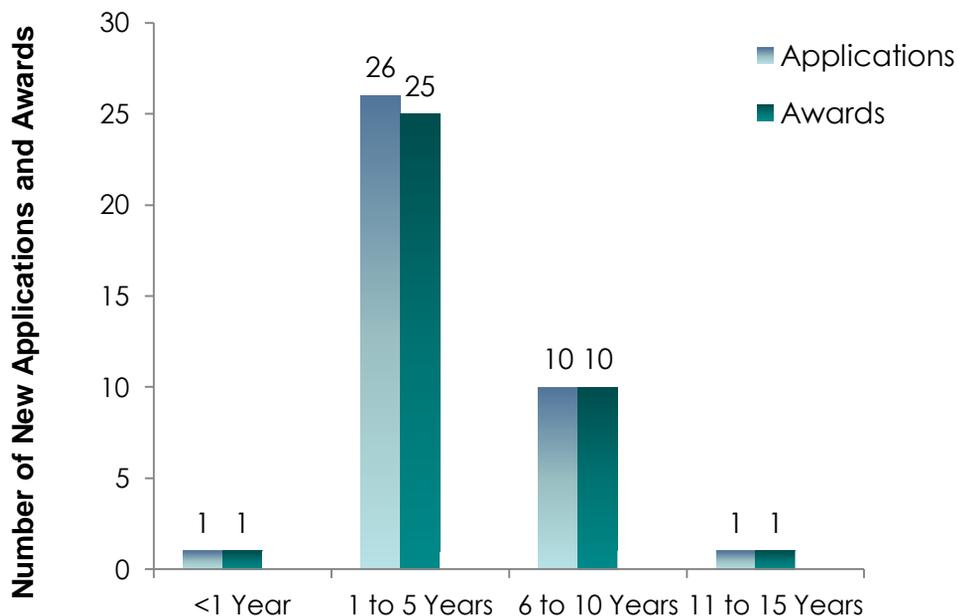
Funding by NIH Institutes and Centers Renewal Awards

The Intramural Loan Repayment Programs awarded 47 renewal LRP contracts from 13 different ICs in FY 2012.

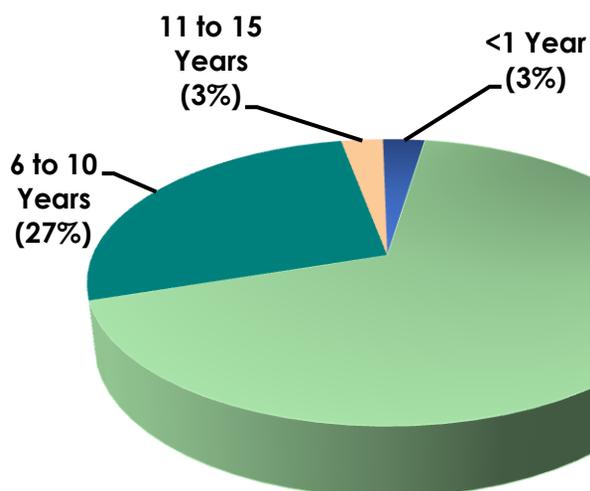
IC	Awards	Funding
CC	7	\$208,304
NCI	7	\$130,185
NHGRI	4	\$144,691
NHLBI	2	\$62,077
NIAID	14	\$505,103
NIAMS	2	\$70,773
NICHD	2	\$65,057
NIDA	1	\$9,725
NIDCR	1	\$15,286
NIEHS	3	\$41,662
NIMH	2	\$84,905
NINDS	1	\$17,462
NINR	1	\$9,535
Total	47	\$1,364,765

Applications, Awards, and Success Rates

New Applications and Awardees By Post-Degree Years



Distribution of Awards *



*Percentages may not total 100% as a result of rounding.

LRP Awards by Degree New Awards

Physician Doctorate: 26 (70%) held MD or DO degrees.

Professional Clinical Doctorate: None held DDS, DMD, DVM, DPT, ND, OD, PharmD, or PsyD degrees.

Academic Doctorate: 9 (24%) held PhD, DrPH, EdD, or ScD degrees.

Physician Doctorate / Academic Doctorate: 2 (5%) held dual MD/PhD degrees.

Other: None held an MS/MPH degree.

LRP	Physician Doctorate	Professional Clinical Doctorate	Academic Doctorate	Physician Doctorate / Academic Doctorate	Other	Total
General Research	9	0	8	1	0	18
AIDS Research	1	0	1	0	0	2
Clinical Research for Individuals from Disadvantaged Backgrounds	0	0	0	0	0	0
ACGME	16	0	0	1	0	17
Totals	26	0	9	2	0	37

LRP Awards by Degree Renewal Awards

Physician Doctorate:	38 (81%) held MD or DO degrees.
Professional Clinical Doctorate:	None held DDS, DMD, DVM, DPT, ND, OD, PharmD, or PsyD degrees.
Academic Doctorate:	7 (15%) held PhD, DrPH, EdD, or ScD degrees.
Physician Doctorate / Academic Doctorate:	2 (4%) held dual MD/PhD degrees.
Other:	None held B.S.N., M.S.N., or M.H.S degrees.

*Percentages may not total 100% as a result of rounding.

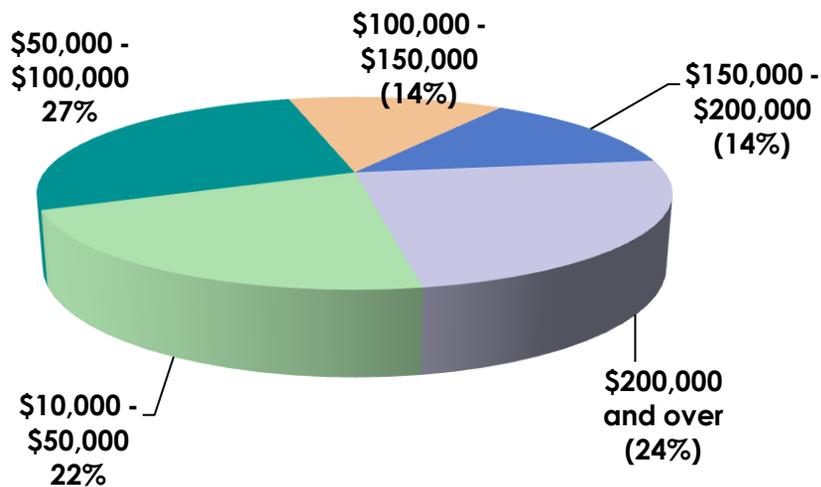
LRP	Physician Doctorate	Professional Clinical Doctorate	Academic Doctorate	Physician Doctorate / Academic Doctorate	Other	Total
General Research	34	0	7	1	0	42
AIDS Research	2	0	0	1	0	3
Clinical Research for Individuals from Disadvantaged Backgrounds	2	0	0	0	0	2
Totals	38	0	7	2	0	47

Educational Debt Levels of LRP Awardees New Awards

78 percent of new FY 2012 awardees had educational debt levels in excess of \$50,000.

Debt Range	Number of Awardees
Less than \$10,000	0
\$10,000 - \$50,000	8
\$50,000 - \$100,000	10
\$100,000 - \$150,000	5
\$150,000 - \$200,000	5
\$200,000 and over	9
Total	37

Distribution of Awards by Debt Level *



*Percentages may not total 100% as a result of rounding.

Applications, Awards, and Success Rates By Gender New and Renewal Awards

LRP	Male Applicants			Female Applicants			Gender Distribution	
	Applications	Awards	Success Rate	Applications	Awards	Success Rate	% Male Awardees	% Female Awardees
General Research	22	21	95%	38	36	95%	37%	63%
AIDS Research	3	3	100%	2	2	100%	60%	40%
Clinical Research for Individuals from Disadvantaged Backgrounds	1	1	100%	1	1	100%	50%	50%
ACGME *	3	3	100%	12	12	100%	20%	80%
Total*	29	28	97%	53	51	96%	35%	65%

*Five applicant/awardees did not specify gender.

Awardee Demographics By Ethnicity

LRP	Awards	Hispanic or Latino	Not Hispanic or Latino
All Intramural LRPs	84	4	80
Percentage of Awards	100%	5%	95%

Awardee Demographics By Race

LRP	American Indian or Alaska Native	Black or African-American	Asian	Native Hawaiian or Other Pacific Islander	White	Other / No Response/ More than One Race	Award Totals
All Intramural LRPs	0	2	8	1	60	13	84
Percentage of Awards	0%	2%	10%	1%	71%	15%	100%

*Percentages may not total 100% as a result of rounding.

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Web site:
Loan Repayment Programs (LRP)
<http://www.lrp.nih.gov>

